

October 22, 1953

Dr. L. L. Weed
808 North Broadway
Baltimore, Maryland

Dear Dr. Weed:

We have been trying to duplicate your findings on the Cu bug, using the strain of B received from Washington. So far, we have had poor luck, possibly owing to insufficient attention to intimate details.

An early draft, still in my hands refers to a medium made up (per liter) from:

Na H ₂ P ₄	16.5	
K H ₂ PO ₄	1.5	[sic. Could one of these be a misprint?]
(NH ₄) ₂ SO ₄	2	Glucose 3
MgSO ₄ .7H ₂ O	1 ml 20%	CaCl ₂ 1 ml 1%; FeSO ₄ .7H ₂ O .5 ml 1%

Is this correct? You also refer to adjusting to pH 7.4. (With NaOH?)

I have to report that the culture returned as "K-12" untreated was not this at all, but some auxotroph with vague requirements. I did not try to verify the K-12/Cu.

Yours sincerely,

Joshua Lederberg